

**AMENDMENT AND RESPONSE**  
Serial Number: 08/012,269  
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Title: MURINE 4-1BB GENE (as amended)

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a) contacting nucleic acid obtained from a biological sample with a probe comprising at least a portion of the cDNA of claim 1 or the DNA of claim 22 so as to form binary complexes between the probe and the nucleic acid; and

b) detecting or determining complex formation.

24. (New) The method of claim 23 wherein the sample is a lymphoid sample.

25. (New) The method of claim 23 wherein the sample is a non-lymphoid sample.

26. (New) The method of claim 23 wherein the sample is a physiological sample.

27. (New) The method of claim 23 wherein the sample is a tissue sample.

28. (New) An isolated and purified DNA molecule comprising a DNA sequence encoding a soluble 4-1BB polypeptide comprising the extracellular domain of the amino acid sequence shown in figures 2a and 2b.

29. (New) An isolated and purified DNA molecule comprising a DNA sequence encoding a soluble 4-1BB polypeptide comprising the extracellular domain of the amino acid sequence shown in figures 2a and 2b operably linked to a polypeptide that is not 4-1BB and which is located C-terminal to the soluble 4-1BB polypeptide.

30. (New) The DNA molecule of claim 28 or 29 which further comprises regulatory sequences suitable for expression of the DNA molecule in a host cell, which regulatory sequences are operably linked to the DNA molecule.